

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
 Data File : VY006358.D
 Acq On : 08 Oct 2021 16:02
 Operator : SY/MD
 Sample : VY1010SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010SBS01

Manual Integrations
 APPROVED

apatel
 10/15/2021 8:47:05 AM

Quant Time: Oct 11 03:18:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	137496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80446	54.665	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.340%			
35) Dibromofluoromethane	7.722	113	58209	51.091	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.180%			
50) Toluene-d8	10.179	98	246175	51.627	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.260%			
62) 4-Bromofluorobenzene	12.483	95	83885	51.785	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32073	22.997	ug/l	98
3) Chloromethane	2.119	50	38963	23.985	ug/l	97
4) Vinyl Chloride	2.253	62	44419	24.672	ug/l	99
5) Bromomethane	2.650	94	30931	26.436	ug/l	95
6) Chloroethane	2.796	64	23674	22.348	ug/l	96
7) Trichlorofluoromethane	3.131	101	53006	22.352	ug/l	98
8) Diethyl Ether	3.534	74	16753	21.389	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.906	101	26564	20.984	ug/l	97
10) Methyl Iodide	4.101	142	17059	12.365	ug/l	98
11) Tert butyl alcohol	4.966	59	13125	101.958	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	26408	20.507	ug/l	94
13) Acrolein	3.741	56	5149	70.744	ug/l	95
14) Allyl chloride	4.485	41	51590	20.832	ug/l	99
15) Acrylonitrile	5.167	53	42910	104.159	ug/l	99
16) Acetone	3.954	43	45341	110.313	ug/l	97
17) Carbon Disulfide	4.204	76	87413	20.296	ug/l	98
18) Methyl Acetate	4.485	43	29462	21.258	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	79375	21.106	ug/l	99
20) Methylene Chloride	4.722	84	44487	29.893	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	29519	20.676	ug/l	96
22) Diisopropyl ether	6.125	45	103121	21.048	ug/l	97
23) Vinyl Acetate	6.070	43	305268	103.950	ug/l	99
24) 1,1-Dichloroethane	6.027	63	54701	20.797	ug/l	99
25) 2-Butanone	6.990	43	60866	106.308	ug/l	92
26) 2,2-Dichloropropane	6.984	77	53221	22.127	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	32742	20.477	ug/l	98
28) Bromochloromethane	7.338	49	23109	21.101	ug/l	96
29) Tetrahydrofuran	7.350	42	38630	106.817	ug/l	97
30) Chloroform	7.509	83	57288	21.834	ug/l	99
31) Cyclohexane	7.789	56	56144	20.138	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	54292	22.410	ug/l	99
36) 1,1-Dichloropropene	7.923	75	43546	20.524	ug/l	98
37) Ethyl Acetate	7.082	43	26030	21.059	ug/l	98
38) Carbon Tetrachloride	7.905	117	49345	22.025	ug/l	93
39) Methylcyclohexane	9.185	83	53530	20.085	ug/l	97
40) Benzene	8.167	78	125541	20.855	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	13872m	17.301	ug/l	
42) 1,2-Dichloroethane	8.240	62	42877	22.107	ug/l	98
43) Isopropyl Acetate	8.277	43	49170	20.741	ug/l	96
44) Trichloroethene	8.941	130	33331	21.439	ug/l	100
45) 1,2-Dichloropropane	9.222	63	30836	20.808	ug/l	93
46) Dibromomethane	9.307	93	16500	20.910	ug/l	98
47) Bromodichloromethane	9.502	83	42650	20.991	ug/l	95
48) Methyl methacrylate	9.295	41	22886	20.123	ug/l	95
49) 1,4-Dioxane	9.295	88	3922	380.950	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	130572	106.074	ug/l	98
52) Toluene	10.246	92	78549	21.037	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	46395	20.943	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	50845	20.878	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	23471	21.139	ug/l	99
56) Ethyl methacrylate	10.508	69	34038	20.169	ug/l	95
57) 1,3-Dichloropropane	10.795	76	41078	20.446	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	86722	104.875	ug/l	97
59) 2-Hexanone	10.831	43	94011	107.231	ug/l	98
60) Dibromochloromethane	10.990	129	28533	21.151	ug/l	100
61) 1,2-Dibromoethane	11.087	107	21408	20.363	ug/l	99
64) Tetrachloroethene	10.721	164	36986	23.083	ug/l	98
65) Chlorobenzene	11.520	112	81548	20.687	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	30191	20.782	ug/l	99
67) Ethyl Benzene	11.593	91	151769	20.425	ug/l	99
68) m/p-Xylenes	11.703	106	116543	41.331	ug/l	97
69) o-Xylene	12.032	106	55214	20.733	ug/l	97
70) Styrene	12.044	104	94010	20.787	ug/l	99
71) Bromoform	12.209	173	18333	20.293	ug/l #	99
73) Isopropylbenzene	12.331	105	147981	19.995	ug/l	99
74) N-amyl acetate	12.142	43	45487	19.802	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	24443	18.287	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	22397m	22.303	ug/l	
77) Bromobenzene	12.611	156	34466	19.862	ug/l	97
78) n-propylbenzene	12.672	91	183520	20.145	ug/l	100
79) 2-Chlorotoluene	12.758	91	101726	20.179	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	126133	20.382	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	10420	20.391	ug/l	97
82) 4-Chlorotoluene	12.855	91	105712	20.275	ug/l	100
83) tert-Butylbenzene	13.075	119	108274	20.465	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	124085	20.306	ug/l	99
85) sec-Butylbenzene	13.251	105	162432	20.315	ug/l	100
86) p-Isopropyltoluene	13.367	119	138856	20.580	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	70034	20.371	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	69910	20.623	ug/l	99
89) n-Butylbenzene	13.696	91	130883	20.415	ug/l	99
90) Hexachloroethane	13.959	117	24960	20.371	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	62425	20.765	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5166	20.287	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	40393	20.333	ug/l	99
94) Hexachlorobutadiene	15.111	225	27228	21.010	ug/l	97
95) Naphthalene	15.233	128	74187	18.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	34582	19.641	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

